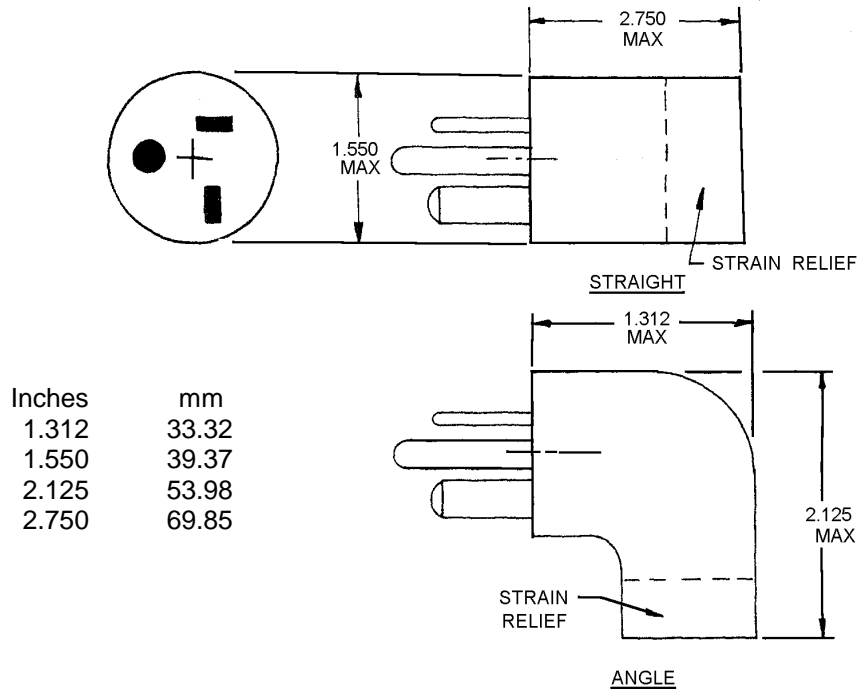


## FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, GENERAL PURPOSE, GROUNDING,  
 HOSPITAL GRADE, 2 POLE, 3 WIRE, 20 AMPERES, 125 VOLTS, 50/60 HERTZ

The General Services Administration has authorized the use  
 of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall  
 consist of this document and the latest issue of W-C-596/GEN.



## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

W-C-596/42D

REQUIREMENTS:

Design and configuration: General grade or hospital grade (see figure1 and table I).

Dimensions: Shall conform to NEMA WD 6, configuration 5-20P.

Armored construction: Not acceptable.

Mating face: Dead-front construction.

Blade strength: Connectors shall not have wires connected to terminals during test.

Ratings:

Voltage: 125/250 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/40 or W-C-596/41.

Strain relief: Accommodate cable diameter .325 -.655 inch (8.26-16.64 mm).

Part or Identifying Number (PIN): W-C-596/42– (dash number from table I).

Supersession and cross reference: See table II.

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1	X21, X23, X26	Straight plug, General grade
2	X21, X23, X26	Angle plug, General grade
3		Straight plug, Hospital grade
4		Angle plug, Hospital grade

TABLE II. Supersession and cross reference.

Active Government PIN	Superseded numbers									
	CAGE 71183 1/	CAGE 79409	CAGE 39317	CAGE 74545	CAGE 71183	CAGE 04009	CAGE 81091	CAGE 73586	CAGE 78556	CAGE 75582
W-C-596/42-1	5356 5363	1433	520P	5366 5366-CY 5939 8315-C	5364 5366 5366-N 5366-NCR 5366-NSY	6766	5366 5366-SS	5366-N		5366
W-C-596/42-2		14R33		5366-CA 5366-CAT	5395 5395-T	6765	5366-SS-AN		5395	
W-C-596/42-3				8315-C 8315-CT 8319-C 8319-CT	8366-N		5366-HG			5366-HGN
W-C-596/42-4				8315-CAT			5366-HG-AN			

1/ CAGE is the Commercial and Government Entity code which is assigned and maintained by Defense Logistics Information Service (DLIS) in Battle Creek, MI.

## MILITARY INTERESTS:

Military Custodians

Army - CR  
Navy - YD  
Air Force - 11  
DLA - CC

Review Activities

Army - AV, CR4, MI  
Navy - AS, EC, MC, SH

CIVIL AGENCY  
COORDINATING ACTIVITIES:

DC-GOVT - DCG  
DOT - ACO  
GSA - 7FXE  
HHS - FEC  
USDA - AFS

Preparing Activity:  
DLA - CC

(Project 5935-4302-21)